

Carswell/Plant 4



FINAL WORK PLANS FORMER AIRCRAFT WASHING AREA NO. 2

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INTRODUCTION

Naval Air Station Fort Worth Joint Reserve Base (NAS Fort Worth JRB), formerly Carswell Air Force Base (AFB), is in the process of planning and conducting activities for the identification, remediation, and closure of contaminated sites at the base through the Installation Restoration Program (IRP). The IRP is the primary mechanism of the Department of Defense (DoD) for environmental response actions on U.S. Air Force installations. IRP activities are governed by provisions of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), the Resource Conservation and Recovery Act (RCRA), and other applicable Federal and state regulations. The IRP at NAS Fort Worth JRB is being conducted through the combined efforts of the Air Force Center for Environmental Excellence (AFCEE) and the Air Force Base Conversion Agency (AFBCA).

WORK PLAN OBJECTIVES AND APPROACH

Final Work Plans have been developed for the RCRA Facility Investigation (RFI) of former aircraft washing area No. 2 (Figure 1). The wash rack itself previously has been removed so that only the drain remains (Figure 2). The washing area, also referred to as Solid Waste Management Unit (SWMU) 50,

collected wastewater from cleaning and maintenance activities for military aircraft. An RFI will be conducted in an effort to provide evidence in support of closure to the Texas Natural Resource Conservation Commission (TNRCC) or determine if remediation is warranted.

The first objective of this RFI is to conduct an inspection of the integrity of the unit. In order to inspect the unit, the contents must first be removed. Samples of the sludge and water that exist in the drain will be collected and submitted for laboratory analysis. After the results from these samples are received, the contents of the unit will be removed and the unit will be cleaned so that a visual inspection can be conducted. The wash water produced by this cleaning will be removed and disposed of properly based on the analytical sampling results.

The second objective of this RFI is to determine if a release has occurred that has impacted soils. This objective will be accomplished by installing borings for visual observation and chemical analysis of subsurface soils. Field methods will include installing five borings. If needed, additional soil borings will be advanced to delineate soil contamination. In addition, it may be necessary to install monitoring wells to evaluate the impact contamination has had on groundwater.

When delineation of soil and groundwater contamination is complete at the former aircraft wash rack, the results of the investigation will be compiled and presented in an RFI report with a discussion of the applicable TNRCC regulations that are appropriate for closure of the site.



Figure 2 SWMU 50

For More Information:

If you would like more information, please see our website at <http://www.afcee.brooks.af.mil/er/carswell/nasfw/> or contact Michael Dodyk, HQ AFCEE, at (817) 782-7167 or via e-mail at Mike.Dodyk@carswell.af.mil.

